Introduction

A miniature snap-action switch, also trademarked and frequently known as a micro switch, is an electric switch that is actuated by very little physical force. Micro switches are very widely used; among their applications are appliances, machinery, industrial controls, vehicles, and many other places for control of electrical circuits. They are usually rated to carry current in control circuits only, although some switches can be directly used to control small motors, solenoids, lamps, or other devices.

This is a small micro switch sensor designed for the Arduino. It could be directly connected to the IO Expansion shield. It integrates the pull-up resistor and the status indicator LED onboard. That makes it easier for testing.The miniature snap-action micro switch with roller lever make it suitable for more different environment application.

Applications

- Levelling and safety switches in elevators

- Door interlock on a microwave oven

- Vending machines

- Detect paper jams or other faults in photocopiers

- 3D Printer position feedback,etc...

Specification

- Working Voltage: 5v

- Pinout

    o   1 Digital output

    o   2 VCC

    o   3 GND

- Onboard status indicator LED

- Directly connected to the IO Expansion shield For Arduino

- M3 mounting hole x2

- Size: 30x20x8mm (1.18x0.79x0.31")

Documents

- [Wiki Doc](#)

- [Arduino Sample Code](#)

- [Dimensions](#)

- [Schematics](#)

Shipping List

- Crash sensor x1